Possibilistic ASP Base Revision by Certain Input

Titre	Possibilistic ASP Base Revision by Certain Input
Type de publication	Communication
Type	Communication avec actes dans un congrès
Année	2018
Langue	Anglais
Date du colloque	13-19/07/2018
Titre du colloque	The Twenty-Seventh International Joint Conference on Artificial Intelligence
Titre des actes ou de la revue	Proceedings of the 27th International Joint Conference on Artificial Intelligence (IJCAI 2018)
Pagination	1824-1830
Auteur	Garcia, Laurent [1], Lefevre, Claire [2], Papini, Odile [3], Stéphan, Igor [4], Würbel, Eric [5]
Editeur	International Joint Conferences on Artificial Intelligence
ISBN	978-0-9992411-2-7
Résumé en anglais	Belief base revision has been studied within the answer set programming framework. We go a step further by introducing uncertainty and studying belief base revision when beliefs are represented by possibilistic logic programs under possibilistic answer set semantics and revised by certain input. The paper proposes two approaches of rule-based revision operators and presents their semantic characterization in terms of possibilistic distribution. This semantic characterization allows for equivalently considering the evolution of syntactic logic programs and the evolution of their semantic content. It then studies the logical properties of the proposed operators and gives complexity results.
URL de la notice	http://okina.univ-angers.fr/publications/ua18409 [6]
DOI	10.24963/ijcai.2018/252 [7]
Lien vers le document en ligne	https://www.ijcai.org/proceedings/2018/252 [8]

Liens

[1] http://okina.univ-angers.fr/l.garcia/publications
[2] http://okina.univ-angers.fr/cl.le/publications
[3] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=13288
[4] http://okina.univ-angers.fr/igor.stephan/publications
[5] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31726
[6] http://okina.univ-angers.fr/publications/ua18409
[7] http://dx.doi.org/10.24963/ijcai.2018/252
[8] https://www.ijcai.org/proceedings/2018/252